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(21)Application number : 11-324132 (71)Applicant : JAPAN POLYCHEM CORP

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(54) PROPYLENE-BASED RESIN COMPOSITION FOR INJECTION COMPRESSION MOLDING

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a polypropylene-based resin composition for an injection compression molding, equipped with an excellent injection compression molding property (a high flowing property) and a high physical property balance (a high tenacity, an impact strength and a surface hardness), and in addition, excellent in a low grain gloss appearance of its molded product.

SOLUTION: This polypropylene-based resin composition is obtained by containing (a) a block copolymer of 55-95 wt.% crystalline polypropylene homopolymer portion and 5-45 wt.% ethylene-propylene random copolymer containing ≥ 31 wt.% ethylene content and having ≥ 1.5 dl/g intrinsic viscosity, and is characterized by consisting of (a) 100 pts.wt. above propylene-ethylene block copolymer exhibiting 50-500 g/10 min melt flow rate as the whole of the component (a), (b) 1-60 pt.wt. talc having 1.5-15 μ m mean particle diameter, (c) 0-50 pt.wt. ethylene- α -olefin copolymer rubber containing 20-50 wt.% 3-8C α -olefin and exhibiting 0.05-100 g/10 min MFR and (d) 0-10 pt.wt. polyethylene exhibiting ≥ 11 g/10 min MFR.

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